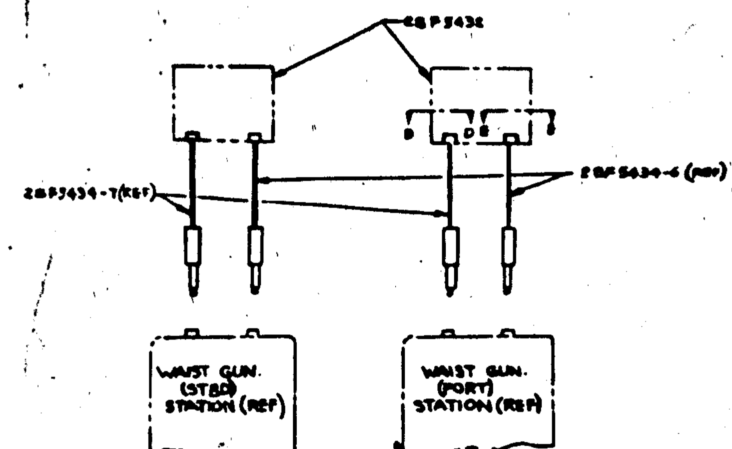
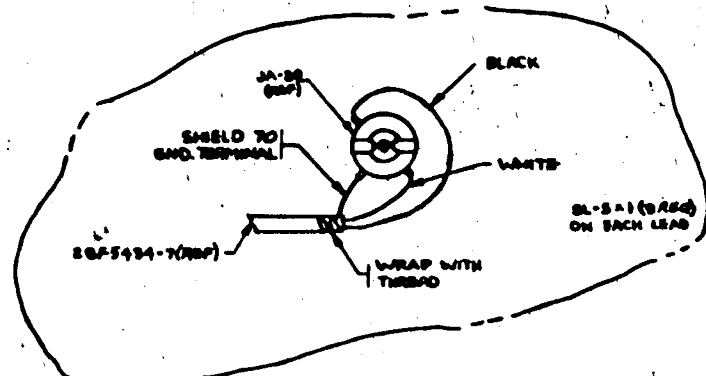
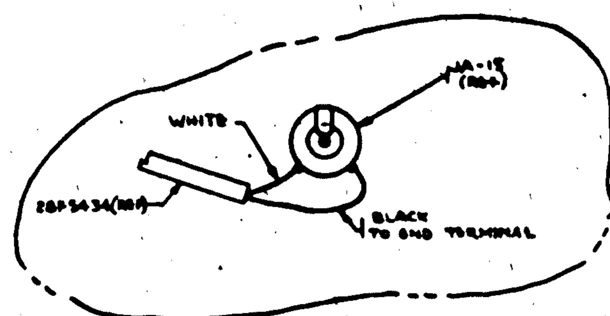


NOTE: FOR WIRING JACKS SEE VIEWS "D-D" & "E-E"



VIEW "D-D" TYPICAL
LOOKING OUT OF BOX



VIEW "E-E" TYPICAL
LOOKING OUT OF BOX

LET	ALTERATION	DATE	BY	
G	REDRAWN-ADDED DETAIL "B" & "C" NO WT CHG.	12-26-42		E.O. A91447
H	ADDED ICS EXTENSION BOX (28E5432) & VIEWS "D-D" & "E-E" NO WT. CHG.	12-26-43		E.O. A94050 (MC-110)

Note: USE THIS ALTERNATE WIRING SET-UP ON PBY-5 ONLY

BOMBER'S STATION BOX — 1ST PILOT'S STATION BOX — MECHANICS STATION BOX — JUNCTION BOX — WAIST GUNNER (STBD) STATION BOX — WAIST GUNNER (PORT) STATION BOX — TAIL GUNNER STATION BOX — PILOT'S CONTROL BOX — P-202 PLUG — P-201 PLUG — 2ND PILOT'S STATION BOX — NAVIGATOR'S STATION BOX — RADAR OPERATOR'S STATION BOX — RADIOMAN'S STATION BOX — #1 RECEIVER P-102 — #2 RECEIVER P-103

Note: RADAR OP'S STATION BOX USED ONLY ON C-31876

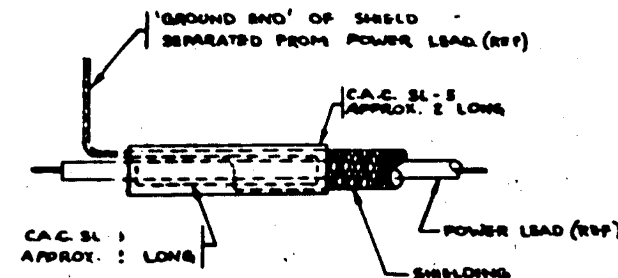
WIRE TABLE	
WIRE NO	LGN
801-805 INCL	102
806-810	108
811-816	108
817-821	96
822-829	132
830-833	108
834-836	288
837-839	198
840-842	36
843-845 INCL	102
846-848	156
852-854 INCL	210
834-836 INCL	150
837-839 INCL	196

TO BE USED IN CONJUNCTION WITH ALTERNATE WIRING SET-UP ON PBY-5

SECTION NO	CONDUIT DIA	CABLE NUMBERS
106	1/2	801-805 INCL.
104		806-810 "
133		811-816 "
136		817-821 "
253	1/2	822-829 "
258	3/8	830-833 "
175		834-836 "
176		834-836 "
181		834-836 "
182		834-836 "
179		837-839 "
180		837-839 "
177		837-839 "
178		837-839 "
116		840-842 "
164		843-845 "
17		846-848 "
110		834-836 "
112		849-851 "
114		837-839 "
[illegible]		[illegible]
120	3/8	852-854 "

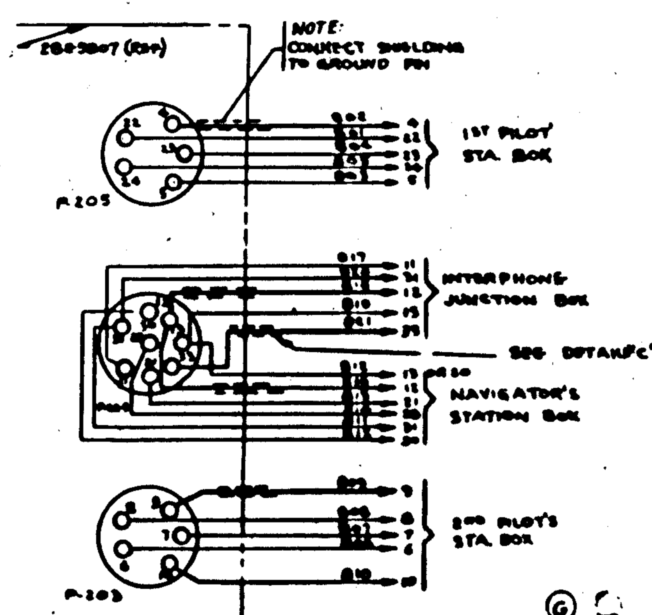
NOTE: WIRE LENGTH ARE IN INCHES

NOTE:-
WIRE NUMBERS ARE SHOWN ABOVE WIRES
CONDUIT SECTION NUMBERS ARE SHOWN IN CIRCLES
SHIELDED MICROPHONE CIRCUITS SHOWN BY HEAVY LINES SHOULD HAVE SHIELDING REMOVED BACK TO CONDUIT FITTINGS IN EACH BOX & ALL SHIELDS GROUNDED THRU INSULATED CONDUCTORS TO GROUND TERMINALS.
ALL WIRE "NU-COR" #20 (10/30) TINNED COPPER, RUBBER & FABRIC COVERED "309 WIRE EXCEPT:- 802, 809, 816, 818, 821, 823, 825, 832, 834, 837, 841, 844 & 846 SHIELDED "NU-CORE" #18 (16/30) AWG #197A WIRES NO. 849 & 852 TO LIST OF "NU-CORE" #18 (16/30) WIRE



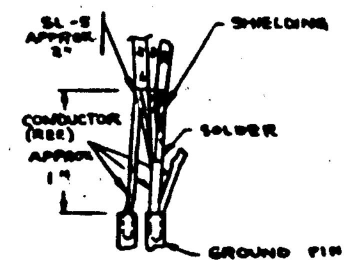
DETAIL "A"

Note
17 PIECES EACH 2 LONG OF CAC SL-5 & CAC SL-6 USE ON POWER LEADS IN INTERPHONE JACK BOXES



DETAIL "B"
FOR PBY-5 SHIPS 21 & ON ON C-31876

Note: USE THIS ALTERNATE WIRING DIAGRAM FOR RL-24-C EQUIPMENT ONLY



DETAIL "C"

Note: SL-6 APPROX 12" (4 REQ) ON EACH MAIN HARNESS

NOTE: SEE DETAIL "C" FOR INSULATING MAT. FOR ALTERNATE RL-24-C ON CONT. #91876 SHIPS 121 & ON

NOTE: SEE DETAIL "A" FOR INSULATING MATERIAL

CONT #70094 — CONT #91876 — CONT #77715 — CONT #70454 — CONT 88476 (MC-110)

	MODEL	NEXT ASSY	
	PBY-5	28E5050	1
	PBY-5A	28E5656	1

28E5769 OF 1-9-41

SCALE NONE

PART NO	STOCK	MATERIAL	SPEC
-4		WIRES	NOTED

NAVY NONE — NONE — 1-9-41

H 256

WIRING DIAGRAM - ELEC. - RL-24B INTERPHONE

CONSOLIDATED AIRCRAFT CORP — SAN DIEGO CALIF

J 28E5769

R